Abstract

ROBUST ENCRYPTION AND DECRYPTION OF PACKETIZED DATA TRANSFERRED ACROSS COMMUNICATIONS NETWORKS

A method for improving fault tolerance and data throughput rates in the transfer of data between computing entities across a virtual private network comprises the steps of: logically dividing a memory means associated with a first said communicating entity into a plurality of areas; receiving encrypted data from said second communicating entity; storing said encrypted data in the first memory area associated with said first communicating entity; writing said encrypted data stored in said first memory area into a second memory area associated with said first communicating entity; decrypting said encrypted data stored in said second memory area; and writing said decrypted data from said second memory area to said first memory area.